REGISTRAR

THE GEORGE BROWN COLLEGE

SPRING PART-TIME COURSES

COMMENCING APRIL 1976

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SPRING PART-TIME COURSES

COMMENCING APRIL 1976

For information call 967-1212

The George Brown College
of Applied Arts and Technology
P.O. Box 1015, Station B, Toronto, Ontario M5T 2T9

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General Information

Course Commencement Dates

Unless otherwise stated classes in the courses listed in this calendar commence during the week beginning April 5, 1976.

Registration Dates

Final registration dates for the Spring Term are Monday, March 29, Tuesday, March 30 and Wednesday, March 31, 1976.

Advance Registration

Advanced application may be made in person between 8:30 a.m. and 4:30 p.m., Monday to Friday.

Registration Locations

Candidates are expected to register at the campus conducting the course.

The campus on which a course is conducted is indicated in the course description.

Locations of the campuses are as follows:—

College Campus

507 College Street
Tel: 967-1212, ext. 305 or 306

Kensington Campus

21 Nassau Street
Tel: 967-1212, ext. 606, 608 or 609

Casa Loma Campus

160 Kendal Avenue
Tel: 967-1212, ext. 405

St. James Campus

200 King Street East
Tel: 967-1212, ext. 504 or 510

Fees

The amount of the fee for each course is stated in the course description; each of these amounts includes a $5.00 non-refundable registration fee. In some cases, the cost of laboratory fees and materials may be additional to the stated amount of the fee.

The receipt issued at the time of payment of fees is the official receipt for income tax purposes; please retain it carefully, since a duplicate cannot be issued.

Anyone who has attained the age of 65 on or before the start date of the course will pay fees at the rate of $5.00 (total) for courses up to 60 hours duration. For courses over 60 hours the fee will be $5.00 plus a prorated amount.

Identification

Your receipt is your admit-to-lecture identification and must be shown to the instructor at the beginning of the course and whenever requested.

Refunds

To obtain a refund a student must apply in writing to the admissions office; forms are available at the campus office for this purpose.

Refunds will be made only if requested before the third scheduled session of the course. The $5.00 registration fee is not refundable. In addition a charge of $1.00 per hour of each scheduled session held prior to the date of application for refund will be made, whether or not the student attended classes. If a course is cancelled, full refund will be made.

REQUESTS FOR REFUNDS MUST BE ACCOMPANIED BY THE OFFICIAL RECEIPT.

Transfer Between Courses

Students wishing to transfer between courses must apply in person to the admissions office on the campus for authorization of change in their admit-to-lecture identification and for any fee adjustment which may be required.

Part-Time Studies During The Day

Enrolment in regular day subjects or courses is possible. For further information call 967-1212 or direct inquiries to the day-school admissions office.

Prerequisites

Candidates are advised that many of the courses require considerable related experience. Prerequisites stated are the minimum requirement.

Minimum Enrolments

The college reserves the right to cancel any class for which attendance has dropped below the required minimum and to suspend or combine during the session any classes in which attendance falls below the minimum.

Textbooks and Supplies

Textbooks and supplies for all part-time courses may be purchased at the individual campus bookstores.

Certification

Applicants should inquire at the time of registration concerning certification and accreditation.

Changes in Course Offerings

The description of course offerings contained in this calendar is a statement of intention on the part of the College which will be carried out as closely as circumstances permit. However, the College reserves the right to cancel or to change any of the particulars of course offerings without notice.

ACADEMIC STUDIES

Academic

Academic Upgrading/College Preparatory

These courses are designed for those who wish to upgrade their academic standing for self-development and career improvement and for entry into Apprenticeship, Vocational training and two-year diploma programs offered at Colleges of Applied Arts and Technology.

English Upgrading 10 ENG 908

Tuesday and Thursday, 5:30-8:30 p.m.
Casa Loma Campus
60 hours
Fee: $55.00
Starting Date: June 8

Prerequisite: Grade 9 English or ENG 907.
Course Content: Review of grammar and punctuation as required; descriptive, expository and narrative writing; short reports; introductory business letters; precis writing; vocabulary study; short stories, poetry and essays from Canadian Literature.

English Upgrading 11 ENG 909

Tuesday and Thursday, 5:30-8:30 p.m.
Casa Loma Campus
60 hours
Fee: $55.00
Starting Date: June 8

Prerequisite: Grade 10 English or ENG 908.
Course Content: Basic communications designed to improve reading rate and comprehension, vocabulary range, principles of discussion and debates; the English Language in terms of origin, factors that cause a language to change and standards of usage; essays emphasizing creativity will also be required. Detailed analyses of the short story, poetry and short plays from twentieth century literature.

English Upgrading 12 ENG 910

Tuesday and Thursday, 5:30-8:30 p.m.
Casa Loma Campus
60 hours
Fee: $55.00
Starting Date: June 8

Prerequisite: Grade 11 English or ENG 909.
Course Content: Techniques used by various writers as guidelines for the students in assessing their own work; listening and oral skills with emphasis on debates, presentations, and simulated meetings; basic business communications and report writing; detailed analysis of representative twentieth century writers with emphasis on drama and novels.

Mathematics Upgrading 10 MATH 908

Monday and Wednesday,
5:30-8:30 p.m.
Casa Loma Campus
60 hours
Fee: $55.00
Starting Date: June 7

Prerequisite: Grade 9 Mathematics or MATH 907.
Course Content: Study of circles, triangles, theorem of Pythagoras, volumes, weight and capacity; metric conversions; multiplication and division of monomials and binomials; linear equations and graphical solutions; trigonometric ratios, and mensuration.

Mathematics Upgrading 11 MATH 909

Monday and Wednesday,
5:30-8:30 p.m.
Casa Loma Campus
60 hours
Fee: $55.00
Starting Date: June 7

Prerequisite: Grade 10 Mathematics or MATH 908.
Course Content: Review of grades 9 and 10 Algebra; grade 11 Algebra, Geometry, Trigonometry, and the slide rule.

Mathematics Upgrading 12 MATH 910

Monday and Wednesday,
5:30-8:30 p.m.
Casa Loma Campus
60 hours
Fee: $55.00
Starting Date: June 7

Prerequisite: Grade 11 Mathematics or MATH 909.
Course Content: Review Grade 11 Algebra; Algebra, Geometry and Trigonometry for grade 12 credit.

Biology BIO 547

Monday and Wednesday,
5:30-8:30 p.m.
Casa Loma Campus
60 hours
Fee: $55.00
Starting Date: June 7

Prerequisite: Grade 10 Science or SCI 908.
Course Content: Human anatomy and physiology in the grade 11 or 12 level; structure and function of the various body systems with laboratory work.

Chemistry CHEM 547

Tuesday and Thursday, 5:30-8:30 p.m.
Casa Loma Campus
60 hours
Fee: $55.00
Starting Date: June 8

Prerequisite: Grade 10 Science or SCI 908.
Course Content: Grade 11 or 12 level; introductory college Chemistry with laboratory work.

Physics PHYS 547

Tuesday and Thursday, 5:30-8:30 p.m.
Casa Loma Campus
60 hours
Fee: $55.00
Starting Date: June 8

Prerequisite: Grade 10 Science or SCI 908 and grade 11 math or MATH 909.
Course Content: Grade 11 or 12 level.

Advanced Technical Evening Classes (A.T.E.C.)

Economics EC 100

Tuesday and Thursday, 7:00-10:00 p.m.
Casa Loma Campus
60 hours
Fee: $50.00

Course Content: Understanding of the economic factors that influence the personal and business affairs of Canadians; basic economic structure of our society, supply and demand, business organization, money and banking, international trade, business cycles, public finance and taxation, consumer credit and borrowing, personal finances, social services.

English I ENG 100

Monday and Wednesday,
7:00-10:00 p.m.
Casa Loma Campus
60 hours
Fee: $50.00

Prerequisite: Grade 12 English, ENG 910 or equivalent.
Course Content: Skill in the use of simple, clear, correct English; emphasis on effective oral and written communication, special focus on reading/learning techniques, technical writing, and oral communication of ideas, information and instructions.

Mathematics I MATH 100

Tuesday and Thursday, 7:00-10:00 p.m.
Casa Loma Campus
60 hours
Fee: $50.00

Prerequisite: Grade 12 Math, MATH 910, or equivalent.
Course Content: Computations with measured quantities; exact and approximate numbers; scientific notation; analysis or error; slide rule and tales; Algebra, Logarithms, Trigonometry and Analytic Trigonometry.

Mathematics II MATH 200

Tuesday and Thursday, 7:00-10:00 p.m.
Casa Loma Campus
60 hours
Fee: $50.00

Prerequisite: MATH 100 or equivalent.
Course Content: Algebraic notations; binomial theorem, Trigonometry. Analytic Geometry: the straight line, loci, conics, second degree equations. Differential Calculus: limits, derivatives of product, quotient and power functions, rate of change, maxima and minima. Integration: indefinite and definite integrals, areas under the curve, volumes of revolution.

Career Improvement

English (Technical) ENG 530

Tuesday and Thursday, 7:00-10:00 p.m.
Casa Loma Campus
60 hours
Fee: $50.00

Course Content: Related to trades and technologies at the level needed for journeyman status; reading for comprehension, reading for details, reading for main ideas, summarizing information, making notes, and reading as studying; remedial and development work in oral and written expression.

Trade Mathematics I MATH 610

Tuesday and Thursday, 7:00-10:00 p.m.
Casa Loma Campus
60 hours
Fee: $50.00

This course is designed for tradesmen, apprentices, and persons desiring a foundation in trade mechanics — basic and intermediate levels for most trades.
Course Content: Whole numbers, fractions, decimals and percentages applied to trade problems; square root calculations and the Pythagorean theorem; calculations involving circles, triangles, compound areas and volumes; manipulation of trade formulae.

Trade Mathematics II MATH 630

Tuesday and Thursday, 7:00-10:00 p.m.
Casa Loma Campus
60 hours
Fee: $50.00

This course is designed for tradesmen, apprentices and persons desiring advanced study in trade mathematics — intermediate and advanced level for most trades.
Course Content: Manipulation of more complex trade formulae; mensuration; graphs, charts and trade estimating; ratio, proportion and variation; the slide rule.

Mathematics MATH 530

Tuesday and Thursday, 7:00-10:00 p.m.
Casa Loma Campus
60 hours
Fee: $50.00

This course is designed to prepare the student for future studies at the post-secondary level in technical Mathematics; also suitable for electrical apprentices who require credit at the intermediate and advanced levels.
Course Content: Algebraic operations, factoring, linear and quadratic equations, trigonometry, solution of right angle and oblique triangles, logarithms and vectors.

Metric System SI 900

Monday, 7:00-9:30 p.m.
Casa Loma Campus
10 hours
Fee: $15.00

Historical perspective; Development of the Metric System; Introduction to the SI Metri System; Units and derived units; Notation for SI units; Applications; Conversions; Films.

English for New Canadians ENG 904

Tuesday and Thursday, 5:30-8:30 p.m.
St. James Campus
60 hours
Fee: $50.00
Starting Date: June 15, 1976

Course Content: Designed for persons whose native language is not English, but who possess an ability in English equivalent to that acquired from a basic course in English-as-a-Second-Language. Each student will be tested to determine areas of need and an individual program in language skills will be prepared; emphasis on vocabulary building, correct usage of expressions, idioms, sentence building, reading skill, compostion, pronunciation, inflection, accent and conversation.

Business English (Refresher) ENG 905

Monday and Wednesday, 5:30-8:30 p.m.
St. James Campus
60 hours
Fee: $50.00
Starting Date: June 14, 1976

Prerequisite: Grade 10 English or ENG 908.
Course Content: Designed for those who would like a refresher or those who have no fofmal training in the writing of business communication. It covers a great variety of letters, written from both the business firm's and consumer's point of view, including letters of application, claim, credit, inquiry, and sales; mechanics of the language, particularly as they arise in student writing; reports; resumes; and oral communication, consisting of interviews, telephone techniques, prepared talks, discussion and debate.

Department of Theatre Arts, Music and Dance

Theatre Arts

The Part-Time (Extension) courses described below are offered by the College in response to the widespread desire and need of people for participation in the dynamic and flourishing theatrical activities of Toronto. The courses provide the opportunity for serious study as well as for self-development and enjoyment.

Special Note

The course information given herein is the basic description.

The precise details of days-of-the-week, hours of the day, location, starting date, registration, etc. will be prepared in advance before the commencement of each term and an information flyer will be available in response to all enquiries.

For this, and other information, PLEASE TELEPHONE the College during normal office hours:
Coordinator of Theatre Arts, Music and Dance
967-1212, Local 334.

Acting for Beginners THEA 900

10 weeks
60 hours
Fee: $50.00

Acting - Intermediate Level THEA 901

10 weeks
60 hours
Fee: $50.00

Prerequisite: Successful completion of THEA 900 or equivalent training or experience.
THEA 900 and THEA 901 are intensive activity courses providing practical exploration and development of the actor's art through improvisation and physical, vocal and mental techniques. Contact with professional teachers and coaches will focus on contemporary and traditional techniques found in the new wave of Canadian Theatre and Playwriting.

Practical Playwriting (Workshop) THEA 909

10 weeks
30 hours
Fee: $30.00

This course is run by the dramaturgy department of the Factory Theatre Lab, known throughout Canada for its work in developing Canadian Plays, and involves all aspects of playwriting for the professional theatre. Working with professional actors and directors, the student will be helped towards developing the script to a performance vehicle.

Acting and the Speaker (Basic) THEA 923A

10 weeks
25 hours
Fee: $50.00

Acting and the Speaker (Advanced) THEA 923B

10 weeks
25 hours
Fee: $50.00

These courses are designed to assist professional, non-professional and student actors, radio and TV broadcasters and performers, teachers, lawyers, public speakers, politicians and others who wish to improve their communication skills before audiences, in social and business groups and in their person-to-person relationshps.

Practical Theatre THEA 924

60 hours
Fee: $50.00

Involves project development and practical experience with a professional, performing company. Previous courses or acceptable experience are prerequisites.

Musical Comedy THEA 927

8 weeks
40 hours
Fee: $75.00

This course is designed for professionals, and others who have previous training or experiences in Acting or Dancing or Singing and wish to develop and further skills and artistry towards performance capability in musical comedy or small stage variety shows.

Musical Comedy (Advanced Level) THEA 927A

8 weeks
40 hours
Fee: $75.00

Includes refinement of skills, singing in harmony, techniques of concentration, memorizing, preparation for auditions.

The Lois Smith School of Dance

In September 1975, The Lois Smith School of Dance became a program of The George Brown College. Miss Lois Smith will continue as Director of the School and will continue the artistic policy and standards and the training program and activities which have given The Lois Smith School a foremost position and reputation across Canada.

The Lois Smith School will continue operating in its studios at 81A Front Street East and will schedule classes as follows;

FALL TERM (10 weeks)
September 8th to November 16 incl.
WINTER TERM (10 weeks)
November 17th to February 10th, 1976, incl.
This includes a two week break at Christmas.
SPRING TERM (10 weeks)
February 12th to April 28th incl.
This includes a one week break at Easter.
SUMMER TERM (9 weeks)
April 29th to June 30th incl.

The Lois Smith School also offers Summer dance courses in Toronto during July and August for 9-13 year olds.

Students over 14 years old and currently working at Elementary level or higher may attend The Blue Mountain Summer School of Music and Dance near Collingwood, a School operated in July-August by The George Brown College of which The Lois Smith School forms an integral part.

Instruction is given in the following dance forms:

Ballet	National
Pointe	Jazz
Character	Benesh Dance Notation

Instruction is given to students at all levels, from beginners to advanced, with separate classes for junior, senior and adult students.

Details of the courses, fees and timetables may be obtained by writing to The College or direct to The Lois Smith School of Dance, 81A Front Street East, Toronto, or by telephoning The School at 363-9945.

Dance Courses

The following additional dance courses provide the opportunity for serious study of the current modes of the Dance as well as for enjoyment and self-development. Instruction is given by experienced, professional artists in unsurpassed studio facilities.

Dance Fundamentals THEA 905A

10 weeks
60 hours
Fee: $50.00

This course is designed for beginners and for those wishing to participate in meaningful exercise for personal enjoyment.

Ballet THEA 905C

10 weeks
60 hours
Fee: $50.00

Modern Dance THEA 905D

10 weeks
60 hours
Fee: $50.00

Modern Jazz Dance THEA 905E

10 weeks
60 hours
Fee: $50.00

Ballet, Modern Dance and Modern Jazz Dance instruction is given at beginner and intermediate levels.

Music Courses

The Director of the Orchestral Program is the distinguished Dr. Boyd Neel, formerly Dean of Music at the University of Toronto.

The faculty is composed of some of Canada's most accomplished instrumentalists who have demonstrated ability to achieve exceptional results with students at all levels.

The courses are designed to complement existing programs at Secondary and Post-Secondary levels. Emphasis is on training students to perform together while receiving individual assistance.

Ensembles include a training orchestra, chamber orchestra, and a full range of wood-wind, string, brass and vocal ensembles.

All courses are offered in FALL, WINTER and SPRING terms. The SUMMER term takes the form of a specially designed SUMMER SCHOOL OF MUSIC, at Blue Mountain near Collingwood, Ontario.

Days of the week and hours of sessions are arranged between instructors and students to suit their mutual convenience.

Instrumental/Ensemble — Woodwinds, strings, bass, keyboard. MU 925

10 weeks
25 hours
Fee: $120.00

Participation and coaching in ensembles and individual assistance on major instrument.

Instrumental Group Instruction MU 944

10 weeks
15 hours
Fee: $45.00

Four to six students studying the same instrument will receive instruction as a group.

Ensemble Course — woodwinds, strings, brass and keyboard MU 929

10 weeks
15 hours
Fee: $45.00

Participation and coaching in ensembles composed of various combinations of woodwinds, strings, brass and keyboard.

Music Theory MU 940

10 weeks
20 hours
Fee: $60.00

Students having basic music-reading skills will study the rudiments of music theory. This course will include ear-training and keyboard harmony where applicable.

Harmony MU 941

10 weeks
20 hours
Fee: $60.00

Students having completed MU 940 or equivalent, will study instrumental and vocal 4-part writing, voice leading, cadences, with a significant portion of eartraining.

Orchestration and Arranging MU 942

10 weeks
20 hours
Fee: $60.00

Students having completed MU 941, or equivalent will study the techniques of orchestration and arranging for various instrumental and vocal ensembles.

Combination Instrumental (Major and Minor) and Music Theory MU 943

10 weeks
30 hours
Fee: $120.00

Students having basic instrumental competence will study a combination of major instrument and part-time minor instrument and theory. The part-time minor may be extra attention applied to the major or participation with the orchestra.

Note: The above courses can also include instruction in guitar, harpsichord, accordion and recorder where enrolment warrants.

Contemporary Music

The contemporary music courses are open to all serious music students of all levels (beginners to professionals). Hours of instruction will be arranged between instructors and students. Courses are available in all popular styles — folk, jazz, rock. The Contemporary Music Courses are directed by Paul Hoffert, the Jazz Courses by Fred Stone. This group of courses is available FALL, WINTER and SPRING terms.

Instrumental/Ensemble MU 925

10 weeks
25 hours
Fee: $120.00

Participation and coaching and individual assistance on major instrument — guitar, keyboard, brass, percussion, bass, woodwinds and strings in Contemporary styles.

Techniques and Improvisation CMU 902

10 weeks
25 hours
Fee: $120.00

Improvisation and Jazz techniques in the development of contemporary musicians.
Prerequisite: Basic instrumental competence in guitar, piano, brass or reed.

Contemporary Music Theory CMU 903

10 weeks
20 hours
Fee: $60.00

Usage of chord symbols, notation, blues progressions and rhythm sections.
Prerequisite: Basic Instrumental competence.

Electronic Music CMU 904

10 weeks
25 hours
Fee: $60.00

Theoretical and practical application of electronic amplification in contemporary music.
Prerequisite: Basic instrumental competence on keyboard.

Contemporary Song-Writing CMU 905

10 weeks
25 hours
Fee: $60.00

Song-writing techniques of contemporary music composers.
Prerequisite: Basic competence in contemporary instrumental music.

History and Development of Jazz CMU 906

10 weeks
25 hours
Fee: $60.00

Historical background and development of Jazz. No prerequisite.

Orchestration of Comtemporary Music CMU 907

10 weeks
25 hours
Fee: $60.00

Study of various instrumental textures, stylistic use and combination in contemporary music.
Prerequisite: Basic instrumental competence.

Music Appreciation CMU 908

10 weeks
25 hours
Fee: $60.00

Study of comtemporary music styles, composers and musicians — ragtime, rock, jazz, popular, folk, country, blues, ethnic. No prerequisite.

Contemporary Musicianship CMU 909

10 weeks
25 hours
Fee: $60.00

Sight reading, notation, rhythmic structures, melody, harmony, transposition.
Prerequisite: Basic instrumental competence.

Professional Workshops CMU 910

10 weeks
20 hours
Fee: $40.00

Business aspects, managers, agents, contracts, publishers, composers' rights, unions, promotion and P.R., road-crews, etc.

Contemporary Ensemble CMU 911

10 weeks
15 hours
Fee: $45.00

Participation in contemporary ensembles — rock, jazz, popular, folk, country, stage band.
Prerequisite: Basic instrumental competence.

Vocal/Ensemble MUV 901

10 weeks
25 hours
Fee: $120.00

Students will participate in vocal ensembles and receive individual assistance.

Orchestral Courses

The courses in this section are under the direction of Dr. Boyd Neel and staff. Acceptance in these courses is subject to audition.

By arrangement with the Faculty of Music, University of Toronto, eligible students in the orchestral courses are welcome to rehearse with the Repertory Orchestra on Fridays from 4:00 to 6:00 p.m. in Room 119, Edward Johnson Building.

For those eligible students who are unable to rehearse with the Repertory Orchestra, arrangements have been made for them to rehearse with the Mississauga Symphony Orchestra at Erindale College, 8:00 to 10:00 p.m. Tuesday evening. Please enquire for transportation assistance.

Instrumental/Orchestra MU 936

10 weeks
30 hours
Fee: $90.00

Students of instruments suitable for a concert orchestra will receive 10 hours of instrumental instruction plus 20 hours with the orchestra. A chamber orchestra and/or large wind ensemble will be formed to accommodate students not eligible for the concert orchestras when sufficient students are enrolled.

Orchestral MU 938

10 weeks
20 hours
Fee: $25.00

Students having suitable instrumental competence will receive 20 hours of instructional participation with the concert orchestra. A chamber orchestra and/or large wind ensemble will be formed to accommodate students not eligible for the concert orchestras when sufficient students are enrolled.

Conducting MU 939

10 weeks
30 hours
Fee: $90.00

Students with suitable musical background will receive instruction on theory, practise, techniques and basic patterns related to orchestral conducting.

Instrument and Theory MU 946
Instrumental instruction plus 15 hours of theory.

10 weeks
25 hours
Fee: $120.00

Combination-Instrument, Ensemble and Group Theory MU 947

10 weeks
40 hours.
Fee: $150.00

Note: The above courses can also include instruction in guitar, harpsichord, accordion and recorder where enrolment warrants.

Flemenco guitar — Group Instruction MU 948

10 weeks
15 hours
Fee: $45.00

4-6 Students per lesson — basics of Flemenco guitar technique including instruction in 3 forms.
Prerequisite: Ability to read the natural notes below the 5th fret, and to read simple rhythms, acceptance by audition.

Popular Keyboard

The following courses are designed for those who wish to be able to play popular music on the piano. Students learn on pianos specially designed for group instruction.

Popular Keyboard (Beginning Basic) MU 910

10 weeks
20 hours
Fee: $60.00

Keys, major scale, treble and bass clefts, flats, sharps, triads, note values, counting, rhythm.

Popular Keyboard (Intermediate) MU 911

10 weeks
20 hours
Fee: $60.00

Continuation from MU 910: chord variations, key signatures, inversions, minor scales, rhythm, accompaniment.

Popular Keyboard (Advanced) MU 912

10 weeks
20 hours
Fee: $60.00

Continuation from MU 911: chord inversions, ninth chord structures and voicings, full right hand, transposing, advanced accompaniment techniques.

ARCHITECTURAL TECHNOLOGY

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Architecture

Architectural Drafting — Part I DR 900

Monday and Wednesday, 7:00-10:00 p.m.
Casa Loma Campus
60 hours
Fee: $50.00

Course Content: Drafting equipment and procedure, Canadian symbols and conventions, foundation and floor plans for various types of construction, site plans, typical wall section, window details, door details, stair details, fireplace and chimney details, simple structural steel and reinforced concrete details, freehand sketches.

Architectural Drafting — Part II DR 901

Monday and Wednesday, 7:00-10:00 p.m.
Casa Loma Campus
60 hours
Fee: $50.00

Prerequisite: Successful completion of Part I, employment in architectural drafting at the junior level, or graduation at the grade 12 level in architectural drafting.
Course Content: Planning drawing layout; presentation drawing in the form of rendered plan and elevation; drawing plans, elevations, full sections, details and structural drawings of commercial or industrial buildings.

Blueprint Reading For The Construction Trades DR 931

Tuesday and Thursday, 7:00-10:00 p.m.
Casa Loma Campus
60 hours
Fee: $50.00

Credit toward AR DR 10/20.
Intended for those working in all branches of the building trades and serves as a foundation for further study.
Course Content: Orthographic projection, dimensions, pictorial drawing, drawing to scale, symbols and conventions, standard construction, plan study, construction details, plan reading and interpretation.

Plumbing Qualification PLUM 902

Tuesday and Thursday, 7:00-10:00 p.m.
Casa Loma Campus
60 hours
Fee: $50.00

Course Content: A refresher course in general plumbing theory and code (Provincial) for those required to write the Ontario Certificate of Qualification examination.

Plate and Structural Layout ENDR 571

Monday and Wednesday, 7:00-10:00 p.m.
Casa Loma Campus
60 hours
Fee: $50.00

Course Content: Plane geometrical constructions and terminology, orthographic projection, principal and auxiliary views, dimensioning systems. Basic principles of descriptive geometry; true length of lines, true shape of planes, true angles, revolutions and intersection of planes. Developments by parallel line, radial line and triangluation methods. Structural shapes, symbols and specifications, layout and development of industrial projects involving plate and structural structural shapes, fabricating methods, shop notes and bills of material.

Technical Drawing II — A.T.E.C. Program (Approved) ENDR 902

Tuesday and Thursday, 7:00-10:00 p.m.
Casa Loma Campus
60 hours
Fee: $50.00

Prerequisite: ENDR 901 or equivalent.
This course is a continuation of Technical Drawing I. The topics included are treated in greater depth.
Course Content: Bearing Types, lubrication, selection. Gear types, definitions, formulae, gear trains, application and drawings. Cam types, followers, motions, layouts, displacement diagrams, drawings. Selection of fasteners, fittings, springs and other standard components. Limits and fits, unilateral and bilateral tolerances, classes of fits, geometric tolerances, standard notes and symbols. Surface roughness, engineering materials and production methods. Jigs, fixtures and gauges, practical drawing applications. Details, design layouts, assemblies and subassemblies.

Process Piping Drafting — Part I A.T.E.C. Program (Approved) ENDR 903

Monday and Wednesday,
7:00-10:00 p.m.
Casa Loma Campus
60 hours
Fee: $50.00

Prerequisite: Basic knowledge of mechancial drafting, ENDR 901 or equivalent.
The purpose of the course is to introduce to the draftsman the specialized techniques of process piping drawing.
Course Content: Introduction to orthographic and pictorial piping drawing using single and double line representation, including piping symbols, fittings, valves, piping standards and classifications, schematics and flow diagrams. Materials, fabrication and simplified piping layout.

Process Piping Design
Upgrading Courses For Designers

This is a series of six short courses suitable for Process Pipe designers who may be involved in special technical areas. The courses are designed to help senior piping draftsmen and designers upgrade their knowledge in these specific areas. The courses may be taken singly or in various combinations over a period of time. The courses available in this series are:

ENDR 931 Piping Standards and Codes — Part I
ENDR 937 Piping Standards and Codes — Part II
ENDR 932 Pipe Design and Calculation
ENDR 933 Pipe Stress Analysis and Flexibility
ENDR 934 Pipe Hangers, Supports and Guides
ENDR 935 Process and Energy Systems
ENDR 936 Foundations, Structures and Platforms

The following courses from this series will be available during the period of April to June 1976.

Pipe Hangers, Supports and Guides ENDR 934

Monday, 7:00-10:00 p.m.
Casa Loma Campus
30 hours
Fee: $30.00

Course Content: Types of commonly used hangers and their applications. Calculation of hanger weights. The design and use of conventional anchors, guides, and sway braces.

Piping Standards and Codes — Part I ENDR 931

Monday, 7:00-10:00 p.m.
Casa Loma Campus
30 hours
Fee: $30.00

Course Content: A study of various Piping Codes, Standards, and material specifications. The interpretation of standards and codes, and their application to process piping engineering practice.

Blueprint Reading for Ironworkers Part III ENDR 952

Monday and Thursday, 7:00-10:00 p.m.
Casa Loma Campus
30 hours
Fee: $30.00

Prerequisite: ENDR 951 Blueprint Reading for Ironworkers — Part II or equivalent.
A continuation of ENDR 951. The study of handrail intersections and developments and other structural details. The interpretation of common welding symbols as per the Canadian Welding Society. A study of structural details, erection diagrams. Specifications and general instructions, taken from current structural prints.

ATHLETICS & RECREATION

Athletics/Recreation

Applied Underwater Science AUS 800

Wednesdays or Thursdays, 7:00-10:30 p.m.
Casa Loma Campus
52% hours
Fee: $45.00

Locations: Wed. 186 Beverly Street (Central)
Thurs. Eastern Commerce High (East End)
Starting Dates: April 28 and 29.
Course Content: This course is open to anyone with the ability to swim. Covers all aspects of snorkling and scuba and leads ot certification. Open water dives and trips south. All equipment is supplied.

General Fitness FIT 800

Monday and Thursday, 7:30-9:00 p.m.
Casa Loma Campus
18 hours
Fee: $25.00

Course Content: This course is designed to improve your fitness level in all areas. Two fitness tests are to be administered. The first test is essential in evaluating the individual's initial fitness or physical level. The exercise program is then designed according to the test results, working according to the test results, working specifically on the areas that need developing. Group size may range from 6-12 people and is led by an instructor. After the six-week program, there is the retest, which is important in determining the improvement made.

Tennis (Beginners) TENN 800

Friday, 5:00-7:00 p.m.
Casa Loma Campus
16 hours
Fee: $25.00

Course Content: Learn the art of playing tennis. A beginning game of tennis requires skill on four basic strokes — forehand, backhand, volley, serve — plus footwork.

Tennis (Advanced) TENN 801

Friday, 7:00-9:00 p.m.
Casa Loma Campus
16 hours
Fee: $30.00

Course Content: Advance your knowledge and skills in tennis, with special attention given to forearm, backhand and serving plus tennis strategy.

Yoga YOGA 800

Wednesday, 7:00-9:00 p.m.
Casa Loma Campus
24 hours
Fee: $25.00

The scientific technique of Traditional Yoga presented in this course will cover physical culture Asana; Pranayama — breathing; meditation — Mind-training. This ancient technique concentrates on individual-self-development for perfect physical and mental well-being. It is strictly individual and teaches methods for independent use.
A Tuesday evening course will start June 1.

Indoor Gardening GARD 800

Wednesday or Thursday, 7:00-9:00 p.m.
Casa Loma Campus
20 hours
Fee: $20.00

How to purchase and care for house plants. Plant identification and care, soils, fertilizers, propagation, insects and plant diseases, terrariums, growing plants under lights.

BUSINESS & COMMERCE

BUSINESS & COMMERCE

Business and Commerce

All courses in this section begin in the week commencing April 12.

Insurance Courses Leading to A.I.I.C. or F.I.I.C.

Principles and Practice INS 900

Monday, 5:30-8:30 p.m.
St. James Campus
36 hours
Fee: $45.00

Introducing the Insurance business; the organization and operation of Insurance; Law; basic documents — applications; binders and policies; from application to expiry; reinsurance; federal and Provincial controls; production of business; adjusters; underwriters' associations or boards; history; how to read a policy.

Property I INS 901

Wednesday, 5:30-8:30 p.m.
St. James Campus
36 hours
Fee: $45.00

Basic fire insurance policy, extended coverage endorsement; Insurance Act provisions — fire insurance; Fire Statutory Conditions; coconcepts relating to property insurance, coinsurance, mortgage clauses; dwelling fire insurance coverages; dwelling extended coverage endorsement; introduction to inland marine and multi-peril, general features of inland marine and multi-peril forms and underwriting of these forms; householders' named perils, personal effects floater, fine arts policy, miscellaneous coverages; composite dwelling policy, homeowners' policy, tenants' package policy; co-operatives and condominiums.

Property II INS 902

Tuesday, 5:30-8:30 p.m.
St. James Campus
36 hours
Fee: $45.00

Business fire coverages; extended coverage endorsements E.C.K.L.J. rating; fundamental principles and purposes of underwriting; practice of underwriting; the mechanics of underwriting; insurance plans; plan drawing; mercantile coverages and commercial coverages designed for specific purposes; bailees; coverages; real property insurance; basic fire policy; survey practice.

Liability INS 903

Thursday, 5:30-8:30 p.m.
St. James Campus
36 hours
Fee: $45.00

The law of Negligence — Common Law — basic principles, the courts, employer and employee, independent contractors, dangerous things, animals, children and parents, damages, liability of owners and occupiers for dangerous land or premises, public authorities, conflict of laws, fatal accidents, defences.
The Law of Negligence — Province of Quebec.

Insurance on the Person INS 904

Wednesday, 5:30-8:30 p.m.
St. James Campus
36 hours
Fee: $45.00

History, types of policies, premiums, multi-party policies, computation of premiums — mortality, interest, expenses; office reserves — policy values, annual statements; savings and protection — uses of policies, effect of taxation; the Insurance Act; underwriting life insurance; business life insurance, pension plans, group insurance, equity investments, agency systems.
Accident and Sickness — history, the Insurance Act, Statutory Conditions; coverages, underwriting, group insurance.

Burglary and Fidelity INS 905

Tuesday, 5:30-8:30 p.m.
St. James Campus
36 hours
Fee: $45.00

Definitions, policy conditions; Robbery insurance — interior messenger and paymaster robbery (hold up) policy; Burglary insurance — safe burglary policy, mercantile stock burglary, damage to buildings by burglary or robbery; Theft insurance — church theft, residence theft; Broad form coverage — money and securities policy (broad form); Safe deposit box policies — standard safe deposit box policy (lessee's burglary and robbery cover), lessee's cover (broad form), lessor's cover (blanket insurance), lessor's cover (liability insurance); fidelity, forgery; Package policies — comprehensive dishonesty, disappearance and destruction policy, office — store burglary and robbery, broad form storekeepers, brokers blanket bonds; physical protection; underwriting; rating; claims.

Automobile INS 907

Tuesday, 5:30-8:30 p.m.
St. James Campus
36 hours
Fee: $45.00

Introduction and development, and applications in general, applications for Owner's form (S.P.F. I); Owner's form — Section A — Third Party Liability; Owner's form — Section B Accident Benefits coverage; Owner's form — Section C — Own damage; General provisions, definitions and exclusions; Automobile insurance law and Statutory Conditions; endorsements which may be used with Owner's form; Non-owned Liability insurance; garage coverages; automobile insurance variations in the provinces; financial responsibility laws; highway victims indemnity funds; absolute liability, filing proof of financial responsibility; facility; compensation without fault; rating, claims.

Loss Adjustment and Claim Settlement INS 908

Wednesday, 5:30-8:30 p.m.
St. James Campus
36 hours
Fee: $45.00

Adjusting in general, the adjuster's obligations, ethics; the contract — definition of terms, types of contract; relationships — waiver and estoppel, non waiver agreements, proximate cause, without prejudice, reports; subrogation; aids to implementing adjustments — catastrophe plan, arbitration agreements, Insurance Crime Prevention Bureau, guiding principles; first party claims; public liability insurance; products liability; professional liability; bond claims — fidelity and surety; preserving the evidence; litigation; termination of a claim.

Casualty Covers INS 909

Thursday, 5:30-9:30 p.m.
St. James Campus
36 hours
Fee: $45.00

Glass Insurance — policy coverage, underwriting, claims; Surety bonds — underwriting terms, principles of suretyship, miscellaneous bonds, contract bonds, fiduciary bonds, administration bonds, underwriting, cancellation, surety claims procedure; Boiler and machinery insurance — history, main classes of objects for insurance, the policy, schedules and endorsements, rating, indirect insurance; Aviation insurance — aviation aircraft liability insurance, underwriting and rating, endorsements, additional coverages, aviation general liabilities, premises and operations liability, hangarkeeper's liability, products and completed operations liability, employer's liability and workmen's compensation, Aviation accident insurance, air cargo liability insurance; miscellaneous coverages — water damage insurance, weather insurance, crop hail insurance, live stock mortality insurance, commercial credit insurance.

Fire Prevention and Protection INS 910

Thursday, 5:30-8:30 p.m.
St. James Campus
36 hours
Fee: $45.00

Principles and practice of fire equipment; hand operated fire extinguishing equipment; automatic sprinkler protection and other special fire extinguishing equipment; private fire alarm services and equipment; public fire protection.

Business Interruption INS 911

Monday, 5:30-8:30 p.m.
St. James Campus
36 hours
Fee: $45.00

Purpose, terminology, insured perils, policy periods — indemnity period, American vs. British approach, insurable interest.
Earnings insurance no co-insurance, gross earnings, insurance, profits insurance, other forms, some practical points, loss adjustment.

Property Loss Adjustment INS 912

Thursday, 5:30-8:30 p.m.
St. James Campus
36 hours
Fee: $45.00

Obligations of the insured and insurance company in event of loss; the adjuster — his investigation and reports; the policy; determining the loss; determining the cause and point of origin of fires; criminal code offences; coinsurance, pro-rata distribution, apportionments; guiding principles; arbitration; miscellaneous coverages; special procedures; business interruption; extended coverage; forms and documents; aids to implementing adjustment.

Insurance Accounts and Finance INS 913

Wednesday, 5:30-8:30 p.m.
St. James Campus
36 hours
Fee: $45.00

Government control of insurance companies; general principles of bookkeeping and insurance accounts, systems and methods, inter-relationship of accounting and statistical departments; books and records of original entry and subsidiary ledgers, general ledger, profit and loss account and balance sheet, premium reserves and loss reserves; collection and credit; agents accounts; reinsurance accounts; statistics; taxation of general insurance companies; investments.

Insurance Administration and Essentials of Management INS 914

Monday, 5:30-8:30 p.m.
St. James Campus
36 hours
Fee: $45.00

Nature and importance of management, development of management through, moral and social dimensions of management, international management and its environmental dimensions; head office organization; decision making and policy formulation; branch and agency organization; organization and staffing; planning and controlling, communicating and directing; the behavioral sciences in management; managerial economics, managerial accounting; quantitative methods of analysis; the forms and uses of statistical returns; information systems and computers; manufacturing management; buildings and equipment; financial management; insurance publicity.

Fire Hazards INS 915

Wednesday, 5:30-8:30 p.m.
St. James Campus
36 hours
Fee: $45.00

A comprehensive study of fire hazards in general and building construction, in particular.
Within these terms of reference this course covers the various types of building materials, and treats in descriptive and graphic forms, many types of structure — with special emphasis on fire resistance.
The course draws attention to the study of fire hazards such as those attending heating, lighting, and housekeeping, and to the relationship of these hazards to ignition, combustion — as well as to volatility and flammability.

Bodily Injury Claims INS 916

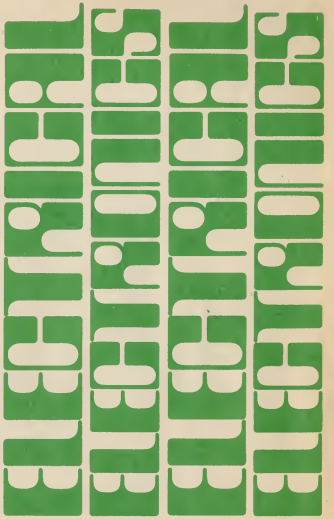
Thursdays, 5:30-8:30 p.m.
St. James Campus
36 hours
Fee: $45.00

Course Content: Investigation and Background, Anatomy, Bodily Injury Bodily Injury Treatment, Interpretation of Medical Reports, Disability, Rehabilitation, the Evaluation, Negotiation and Settlement of Bodily Injury Claims.

Principles and Practice of Marine INS 923

Monday and Wednesday,
5:30-8:30 p.m.
St. James Campus
36 hours
Fee: $45.00

Function of marine insurance; marine insurance and trade; marine insurance markets; associations; Lloyds; insurance accounts; effecting insurance; types of policies; the policy form — construction, principles of interpretation, wording; the voyage; the vessel; insured perils; assignments; definitions of pertinent terms; losses; the adjustment; general average; salvage, double insurance, subrogation, returns of premium; Hull insurance clauses, Institute Time clauses, Canadian and American clauses, Cargo clauses, other frequently used clauses; floating policies; open covers; reinsurance; Marine Insurance Act; York-Antwerp Rules; average adjusters.



Electrical/Electronics

Electrical Apprentice Review EL 900

Monday and Wednesday, 7:00-10:00 p.m.
Casa Loma Campus
60 hours
Fee: $50.00

Designed for those apprentices who are in their final term and who expect to write the qualifying examination sometime within the year.
Course Content: Theory, code and equipment over the entire area of apprenticeship training.

Welding I WELD 900

Monday and Wednesday, 7:00-10:00 p.m.
Casa Loma Campus
60 hours
Fee: $60.00

Prerequisite: Ability to understand English well enough to absorb instruction.
Course Content: Basic principles of oxyacetylene and electric arc welding; safety precautions; types and uses of various oxyacetylene flames; types and uses of various rods and electrodes; braze welding; use of fluxes, arc welding machine controls; practice welding in the flat position using oxyacetylene and electric arc equipment.

Welding II WELD 901

Tuesday and Thursday, 7:00-10:00 p.m.
Casa Loma Campus
60 hours
Fee: $60.00

Prerequisite: WELD 900 or equivalent experience.
Course Content: Theory of alternating and direct current; polarity; shielded arc electrodes; classification and selection of electrodes; edge preparations, joint design; weld faults; manufacture and storage of oxygen and acetylene; basic welding metallurgy; practice welding of fillet, lap, and butt joints in the flat, horizontal, and vertical positions using oxyacetylene equipment; practice welding of fillet and lap joints in the flat, horizontal and vertical positions using electric arc equipment.

Welding Pre-Certification (A.S.M.E.) WELD 903

Tuesday and Thursday, 7:00-10:00 p.m.
Casa Loma Campus
60 hours
Fee: $90.00

Prerequisite: WELD 900, WELD 901 and WELD 902 or equivalent experience.
Course Content: Safety precautions; function of electrode coatings; electrode selection and application; edge preparation, weld faults, welding techniques; setting up of equipment; testing of welds and operators, codes; practice welding of groove joints in all positions, using cellulose and low hydrogen electrodes; root and face guided bend test specimens will be taken from buff welds in all positions.

Welding — Pipe — Uphill (M.M.A.) WELD 904

Monday and Wednesday, 7:00-10:00 p.m.
Casa Loma Campus
60 hours
Fee: $100.00

Prerequisite: (1) WELD 900, WELD 901, WELD 902, and WELD 903; or (2) Boiler inspection branch (A.S.M.E.) or Canadian Welding Bureau (C.W.B.) Certification for all positions.
Course Content: Pipe specifications, preparation of pipe, recommended fits and tolerances; electrode selection and classification; testing of welds and operators' codes; practice welding, using the uphill welding technique and low hydrogen arc welding electrodes.

Welding Ornamental Metalwork WELD 909

Tuesday and Thursday, 7:00-10:00 p.m.
Casa Loma Campus
60 hours
Fee: $60.00

Course Content: Fundamentals of welding, safety precautions, selection of materials; fundamentals of design, use of hand tools, methods of twisting, forming and fastening metals; forming of scrolls; surface decoration, surface finishing; use of metal working equipment; practical shop work consisting of the fabrication of various types of ornamental metal projects.

Welding Aluminum and Stainless Steel (G.T.A. and M.I.G.) WELD 910

Tuesday and Thursday, 7:00-10:00 p.m.
Casa Loma Campus
60 hours
Fee: $110.00

Prerequisite: WELD 900 and WELD 901 or a minimum of six months continuous experience in oxyacetylene or arc welding.
Course Content: Setting up and adjusting G.T.A. and M.I.G. equipment; types, sizes and uses of tungsten electrodes; types and sizes of filler wires, use of shielding gases; flowmeters; practice welding of light gauge aluminum and stainless steel sheet using the G.T.A. process and welding of aluminum plate using the M.I.G. process.

Weld Testing and Inspection WELD 911

Monday and Wednesday,
7:00-10:00 p.m.
Casa Loma Campus
60 hours
Fee: $50.00

Prerequisite: Candidates should have a general knowledge of welding.
Course Content: Inspection duties, welding terms and processes; qualification tests for welders; demonstrations of incorrect welding techniques, using various welding processes to illustrate the development of weld faults, heat-treatment; preparation and testing of weld specimens, using the following standard destructive and non-destructive methods: Magnetic particle, microscopic, fluorescent penetrant and dye penetrant; interpretation of radiographs.

FASHION TECHNOLOGY
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Fashion Technology

Apparel Management

The following courses are offered to those people interested in obtaining a diploma in Apparel Management, or in upgrading their present employment. We suggest you call the Fashion Technology Division for information as to times and courses offered.

All part-time (extension) courses bearing code numbers in the one, two, three, or four hundred series carry credits that can be used towards obtaining a two-year or three-year diploma in specialized programs. Please contact the Dean or Chairman for details.

Apparel Machine Technology II AT 152
(sewing Machine Repairs)

Kensington Campus
24 hours
Fee: $50.00

Prerequisite: Demonstrated mechanical aptitude.
Course Content: Some mechanics of sewing machines, history; justifying purchase, variations, efficient uses and common repairs (elementary).

Needle Trade Technology VII AT 262
(Machine Repairs Intermediate)

Kensington Campus
28 hours .
Fee: $50.00

Prerequisite: AT 151 or industrial experience.

Garment Analysis IV AT 200
(Materials Management)

Nights to be decided
Kensington Campus
48 hours
Fee: $50.00

Needle Trade Technology VI AT 201
(Production Planning and Control)

Nights to be decided
Kensington Campus
48 hours
Fee: $50.00

Apparel Construction DRES 141
(Dressmaking Elementary)

Nights to be decided
7:00-10:00 p.m.
Kensington Campus
60 hours
Fee: $50.00

Course Content: Elementary dressmaking using commercial patterns; samples, measurements, relationship of pattern, style and fabric, laying out patterns; sewing techniques (hand and domestic machine).

Apparel Construction DRES 141A
(Dressmaking Elementary)

Saturday
Kensington Campus
60 hours
Fee: $5.00

Course Content: Same as DRES 141 with special application for Senior Citizens.
The student will provide own material.

Apparel Construction III (Dressmaking Advanced) DRES 151

Monday and Wednesday, or Tuesday and Thursday, 7:00-10:00 p.m. Kensington Campus 60 hours Fee: $50.00

Course Content: Efficient use of materials to minimize waste. Couture methods. The student will provide own material.

Apparel Pattern Drafting I (Elementary) PAT 141

Nights to be decided 7:00-10:00 p.m. 60 hours Kensington Campus Fee: $50.00

Prerequisite: Knowledge of dressmaking and flair for fashion.
Course Content: Elementary pattern design (Men's, women's and children's wear); drafting directly "on the flat" (i.e. on paper); in manufacturing sizes to a "price line".

Apparel Pattern Drafting II (Intermediate) PAT 143

Nights to be decided 7:00-10:00 p.m. Kensington Campus 30 hours Fee: $30.00

Prerequisite: PAT 141 or equivalent.
Course Content: Intermediate pattern drafting (women's and children's wear) embellishing PAT 141.

Apparel Design I (Men's Pattern Design) PAT 142

Nights to be decided 7:00-10:00 p.m. Kensington Campus 60 hours Fee: $50.00

Course Content: Styling, line, proportion, research (drafting of men's patterns).
Students to supply own material.

Modelling (Fashion) FASH 110

Tuesday, 7:00-10:00 p.m. Kensington Campus 30 hours Fee: $30.00

Course Content: Fashion runway modelling — fashion showing, self improvement.

Fashion Illustration I (Elementary) (Apparel Design) PAT 144

Nights to be decided 7:00-10:00 p.m. Kensington Campus 60 hours Fee: $50.00

Prerequisite: Grade 8 or equivalent and artistic aptitude.
Course Content: Elementary course in Fashion Art to show fashion, style design, fabric texture.
Student to supply own material.

Drapery (Slipcovers) FAB 252

Nights to be decided 7:00-10:00 p.m. Kensington Campus 60 hours Fee: $50.00

Course content: How to measure and make drapes and slip covers.

Furniture Finishing FURN 103

Monday and Wednesday, 7:00-10:00 p.m. Kensington Campus 60 hours Fee: $50.00

Course Content: Surface preparation and basic colour treatments including staining and glazing; hand and spray application of varnish, shellac and lacquer.
Students supply own material.

Furniture Upholstery I FURN 104

Monday and Wednesday, 7:00-10:00 p.m. Kensington Campus 60 hours Fee: $50.00

Course Content: Stuffing and covering, measuring, cutting, fitting, stapling, etc.
Students supply own material.

Sewing Machine Operation SEW 141

Two afternoons or two evenings a week Kensington Campus 120 hours Fee: $95.00

Prerequisite: Instructor's evaluation.
Course Content: Single-needle lock stitch flat-bed machine; 240 hours Performance Objective Program leading to speed, stamina, rhythm in sewing on professional machine; use of steam iron on trolley; 120 hours first semester.

Serger Machine SEW 142

Afternoon or evening Kensington Campus 30 hours Fee: $30.00

Prerequisite: SEW 141.
Course Content: Special module (30 hours) for students reaching SEW 141/151 objectives in less than 240 hours. Also available for part-time students during regular classes.

Blind Stitch Machine SEW 143

Afternoon or evening Kensington Campus 30 hours Fee: $30.00

Prerequisite: SEW 141.
Course Content: Special module as for SEW 142.

Button-Hole and Button Sewer Machine SEW 144

Afternoon or evening Kensington Campus 30 hours Fee: $30.00

Prerequisite: SEW 142 or SEW 143.
Course Content: How to use button-hole and button sewer as used in Ontario Apparel plants.

Sewing Machine Operation II SEW 151

2 afternoons or 2 evenings a week Kensington Campus 120 hours Fee: $95.00

Prerequisite: SEW 141.
Course Content: As SEW 141, final 120 hours of Performance Objective Program for part-time students during regular classes.

Ladies' Hairdressing HAIR 900

Monday and Wednesday, 7:00-10:00 p.m. Kensington Campus 60 hours Fee: $100.00

Prerequisite: Ontario Certification of Qualification and currently employed.
Course Content: Review of basic techniques; advanced methods of scissor cutting, blow waving, ironing, back-combing and back-brushing techniques; handling long hair, hair pieces and current fashion trends.

Men's Hairstyling BARB 900

Wednesday, 7:30-10:30 p.m. Kensington Campus 60 hours Fee: $50.00

Prerequisite: Ontario Certificate of Qualification and currently employed.
Course Content: Practical haircutting, shampoos; discussion on styles, styling and blow waving, tinting, bleaching, processing, razor cutting, hair pieces.

Men's Clothing I FASH 904

Tuesday, 7:00-10:00 p.m. Kensington Campus 60 hours Fee: $50.00

Prerequisite: Designed for those working in apparel stores. Interest is more important than extensive experience.
Course Content: Taping and measuring; figure description; proper writing up of orders, fitting and try-ons; some common alterations and markings for made-to-measure.

Tailoring I DRES 146

Monday and Wednesday, 7:00-10:00 p.m.
Kensington Campus
60 hours
Fee: $50.00

Prerequisite: DRES 141 or sewing skills.
Course Content: Ladies' tailoring, sewing, cutting techniques; finishing coats and suits using commercial techniques. Some men's and children's tailoring.
Students supply their own material.

Elementary Weaving WEAV 101

Wednesday and Thursday
7:00-10:00 p.m.
Kensington Campus
60 hours
Fee: $55.00

Course Content: Small hand looms basics.
Student supply own material.

Elementary Weaving WEAV 151

Wednesday and Thursday
7:00-10:00 p.m.
Kensington Campus
60 hours
Fee: $55.00

Prerequisite: WEAV 101.
Course Content: Continuation of WEAV 101.
Students supply own materials.

Advanced Weaving WEAV 201

Wednesday and thursday
7:00-10:00 p.m.
Kensington Campus
60 hours
Fee: $55.00

Prerequisite: WEAV 151 or equivalent.
Course Content: Large hand looms; projects.
Students supply own material.

Ceramics 1 CER 101

Monday and Wednesday or
Tuesday and Thursday
Morning, afternoon and evening
Casa Loma Campus
60 hours
Fee: $70.00

Course Content: Wheel techniques, hand building, glazing, decorating and kiln work.

Ceramics 2 CER 151

Casa Loma Campus
60 hours
Fee: $70.00

Prerequisite: CER 101 or equivalent.
Course Content: Advanced classes for CER 101.

Ceramics 3 CER 201

Casa Loma Campus
60 hours
Fee: $70.00

Prerequisite: CER 151 or equivalent.
Course Content: Advanced classes for CER 151.

Ceramics 4 CER 251

Casa Loma Campus
60 hours
Fee: $70.00

Prerequisite: CER 201 or equivalent.
Course Content: Advanced classes for CER 201.

Ceramics CER 900

Kensington Campus
30 hours
Fee: $40.00

Course Content: Wheel techniques, hand building, glazing, decorating and kiln work.

Macrame ART 801

Wednesday, 7:00-9:00 p.m.
Kensington Campus
20 hours
Fee: $20.00

Course Content: Basic concepts of macrame.

GRAPHIC ARTS

Graphic Arts

General Note:

Successful completion of three courses at successive levels in the same subject will merit a special subject certificate (e.g. completion of GR 105, GR 205 and GR 305 for a Certificate in Process Camera, or GR 115, GR 116 and GR 216 for a Certificate in Single Colour Offset Press). Credits may be accumulated towards a diploma for the related technician program where appropriate.

There are six major subject areas:

Graphic Design	**Printing Technology**
Signwriting	**Screenprinting**
Visual Communications	**Audio Visual**

During the Spring Semester courses will be offered in four areas only:

Visual Communications	**Screenprinting**
Printing Technology	**Audio Visual**

Printing Technology

Printing Technology covers all aspects of pre-press preparatory work, press operation and post-press Binding and Finishing. George Brown College has the best equipped facilities in Ontario and offers training in the latest techniques by "hands-on" participatory courses.

Film Imposition and Printing Surface Preparation (Basic Stripping and Platemaking) GR 110

Wednesday and Thursday, 6:00-10:00 p.m. St. James Campus 60 hours Fee: $75.00

Prerequisites: Preference will be given to candidates employed in the graphic arts industry.
Course Content: A basic course for black and white and line colour stripping. The course introduces job planning and layout of flats containing negatives, half-tone negatives, line colour negatives and duo-tones. Imposition is included with the preparation of folded dummies and layout sheets for various types of bookwork. Darkroom techniques for making photographic contact film and the exposing and development of presensitized offset plates are an important part of this course.

Film Imposition and Printing Plate Surface Preparation (Advanced Stripping) GR 210

Monday and Tuesday, 6:00-10:00 p.m. St. James Campus 60 hours Fee: $75.00

Prerequisite: Completion of GR 110 or equivalent experience.
Course Content: Advanced techniques in black and white, line colour and four colour process stripping; contact work and making spreads and chokes, step and repeat methods and an introduction to the programming and operation of a photo-composing machine.

Film Imposition and Printing Surface Preparation GR 310

Monday and Tuesday, 6:00-10:00 p.m. St. James Campus 60 hours Fee: $75.00

Prerequisites: Completion of GR 210 or equivalent experience.
Course Content: Four colour process stripping procedures including the preparation of flats containing chokes and spreads, fake colour and colour separation; colour charts are prepared by the student incorporating the various screen angles and tints. Further experience will be obtained in manual step and repeat methods and machine photo composing.

Photomechanical Reproduction — Basic (Black and White Camera) GR 105

Wednesday and Thursday 6:00-10:00 p.m. St. James Campus 60 hours Fee: $75.00

Prerequisites: Preference will be given to candidates employed in the graphic arts industry.
Course Content: Operation of process cameras, calibration of process cameras and darkroom equipment for line, fine-line and half-tone negatives; application of coloured filters and the use of panchromatic film; making photographic contact, duplicates, spreads and chokes; theory of photographic lenses, light sources, film emulsions and processing solutions.

Photomechanical Reproduction — Advanced (Black and White Camera) GR 205

Monday and Tuesday, 6:00-10:00 p.m. St. James Campus 60 hours Fee: $75.00

Prerequisite: Completion of GR 105 or equivalent industrial experience.
Course Content: Half-tone photography and machine processing; includes operation, maintenance and control of film processors, use of reflection and transmission densitometers; calibration of various types of contact screens to camera and processing conditions; making duo-tones and other techniques; introduction to colour separation procedures.

Photomechanical Colour Reproduction (Offset) GR 305

Monday and Tuesday, 6:00-10:00 p.m. St. James Campus 60 hours Fee: $75.00

Prerequisites: Completion of GR 205 or equivalent experience.
Course Content: Designed for students with line and half-tone experience; covers direct and indirect colour separation procedures by various methods; colour correction by photographic masking; basic colour theory; making screened positives and contrast control using CC filters; includes the operation and control of film processors, densitometers, enlarger and related equipment.

Photomechanical Colour Reproduction (Offset) (Advanced Colour Separation) GR 306

Monday and Tuesday, 6:00-10:00 p.m. St. James Campus 60 hours Fee: $75.00

Prerequisites: Completion of GR 305 or equivalent industrial experience in colour separation.
Course Content: Tone reproduction for black and white and colour printing; manipulation of tones, taking into consideration the characteristics of the press, paper, plate, film and processing conditions and the copy to achieve quality reproduction on the printed sheet; practical application of tone reproduction study using camera, enlarger and contacting.

Photomechanical Colour Separation (Electronic Scanner) GR 308

Saturday, 9:00-4:00 St. James Campus 60 hours Fee: $75.00

Prerequisites: Completion of GR 305/ GR 306 or equivalent trade knowledge.
Course Content: Principles of scanning, E & D curve and other sensitometer applications; gradation and Color Computer, Screening, Proofing, Future Trends.

Visual Communications Courses

Each of the courses offered in this area involves the student in extensive practical work while providing the requisite basic theory. Designed to assist people already employed in one area of the audio-visual field, these part time courses enable the student to become familiar with other media.

Interviews are required, and the number of students accepted is necessarily limited. A synopsis for each course is available upon request.

Basic Photo-Technology AV 920

Monday and Thursday, 6:00-9:00 p.m.
Casa Loma Campus
60 hours
Fee: $90.00

Basic Cinematography AV 922

Tuesday and Thursday, 6:00-9:00 p.m.
Teraulay Campus
60 hours
Fee: $90.00

Basic Audio Production Techniques AV 923

Monday and Wednesday, 6:00-9:00 p.m.
Teraulay Campus
60 hours
Fee: $90.00

Audio Visual Extension Courses

The following courses offer a hands-on approach to the subject. No interview is required, but students may discuss the courses with instructors before they register. A course synopsis is available for each subject, and they may be obtained upon request.

Introduction to Photography AV 904

Tuesday, 6:30-9:30 p.m.
Casa Loma Campus
30 hours
Fee: $40.00

The fee includes all materials. It has been found necessary to run this course on several occasions annually, to meet student demand, and it will be repeated as required. Early registration is advised.

Signwriting and Screen Process Printing Courses

Screen Process Printing (Advanced) SP 900

Wednesday, 4:00-7:00 p.m.
St. James Campus
60 hoours
Fee: $50.00

Designed for people currently employed in this field who wish to upgrade their skills in the more specialized methods of the photographic process.
Course Content: The operation of the process camera, line and half-tone film-making; the photo-screening method of silk screen reproduction; preparation of direct screen emulsion stencils, the application and procedure for good screen making.

Screen Process Printing (Basic) SP 901

Wednesday, 7:00-10:00 p.m.
St. James Campus
60 hours
Fee: $50.00

Course Content: Designed for persons not in the industry, but who wish to attain skills in basic stencil cutting, screen making and printing.

LANGUAGE TRAINING

Language Training

Intermediate English LT 814
Conversation and Writing

Tuesday and Thursday, 7:00-9:00 p.m.
College Campus
60 hours
Fee: $50.00
Starting date May 17, 1976

Course Content: This is a course for second language learners who already know some English. The course will include work in the following areas: Speaking, Reading, Writing, Grammar (the structure of English), Listening comprehension. There will be some work in our language laboratory to improve stress and intonation. Students who successfully complete this Intermediate Course will qualify for the Advanced Course in English offered at College Campus.

Advanced English Reading LT 803
Conversation For New Canadians

Tuesday and Thursday,
7:00-9:00 p.m.,
9:00 to 11:00 a.m. Daily
College Campus
60 hours
Fee: $50.00
Starting date May 17, 1976

Course Content: For students who have already learned to speak and write basic English; includes vocabulary development, reading comprehension, developing conversational skills, business letters and report writing.

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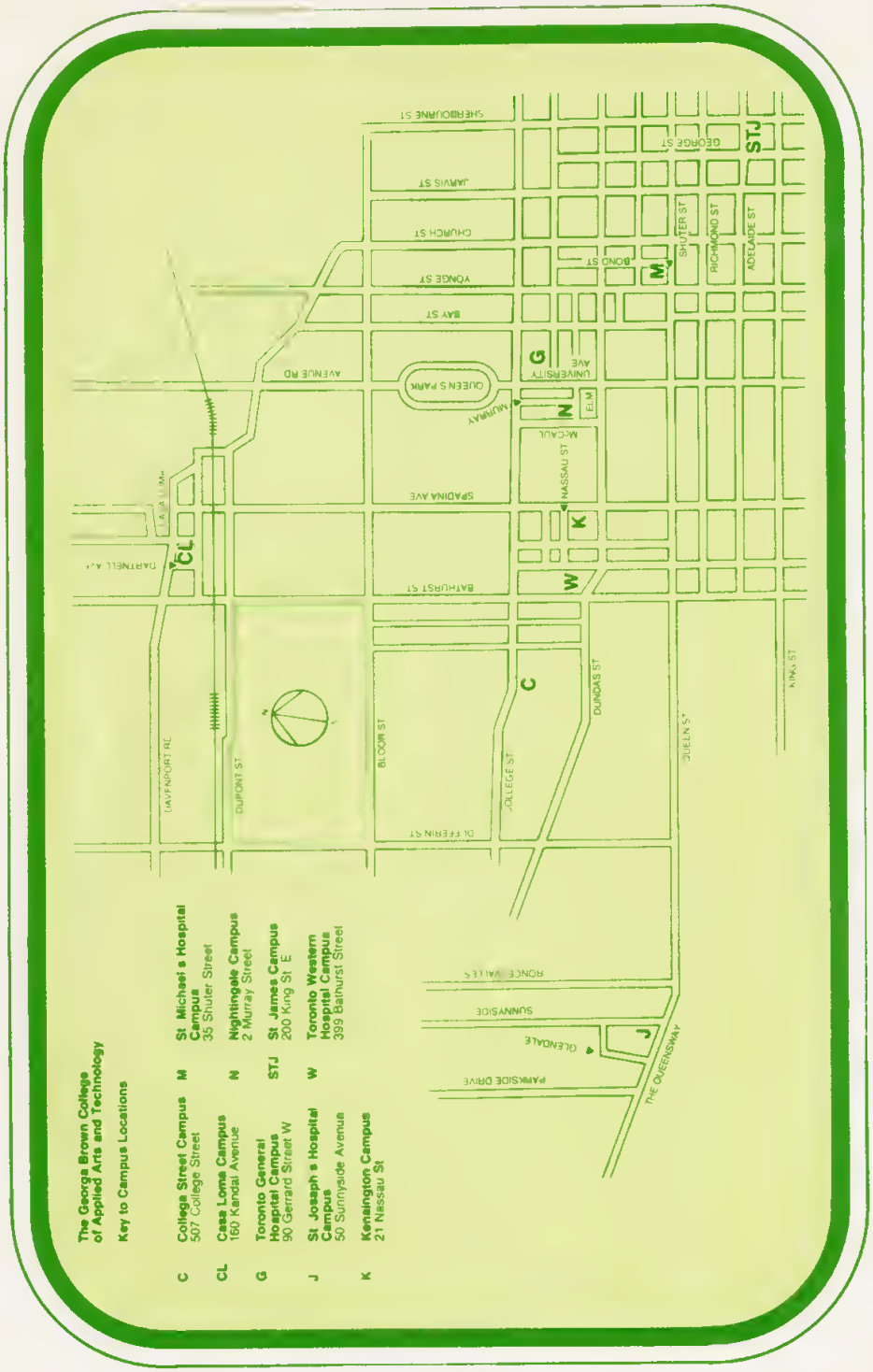

The George Brown College
of Applied Arts and Technology
P.O. Box 1015, Station B, Toronto, Ontario M5T 2T9